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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH

Judul Jurnal Ilmiah (Artikel) : Optimization Procedure To Determine The Optimum Propeller Of Traditional Purse Seine Boat

Jumlah Penulis : 4 orang

Status Pengusul : penulis ke-4/utama

Identitas Jurnal Ilmiah :

- a. Nama Jurnal : International Journal of Mechanical Engineering and Technology (IJMET)
- b. Nomor ISSN : ISSN Print: 0976-6340 and ISSN Online: 0976-6359
- c. Vol, No., Bln Thn : Volume 9, Issue 13 (2018)
- d. Penerbit : IAEME Publication
- e. DOI artikel (jika ada) : -
- f. Alamat web jurnal : <http://www.iaeme.com/citearticle.asp?Ed=15051&Jtype=IJMET&VType=9&Itype=13>
- Alamat Artikel : http://www.iaeme.com/MasterAdmin/UploadFolder/IJMET_09_13_153/IJMET_09_13_153.pdf
- g. Terindex : Scopus

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	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi jurnal (10%)	4	4	4
b. Ruang lingkup dan kedalaman pembahasan (30%)	10	10	10
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d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	10	8	9
Total = (100%)	35	32	33,5
Nilai Pengusul = (40% x 33,5)/3 = 4,47			

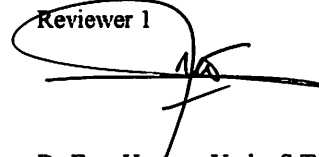
Semarang, 1 Juli 2019

Reviewer 2



Ojo Kurdi, S.T., M.T., Ph.D
 NIP. 197303171999031001
 Unit Kerja : S1 Teknik Mesin FT UNDIP

Reviewer 1



Dr. Eng. Haryono Yudo, S.T., M.T.
 NIP. 197510211999031004
 Unit Kerja : S1 Teknik Perkapalan FT UNDIP

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	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan unsur isi jurnal (10%)	4,00			4
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,00			10
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12,00			10
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12,00			8
Total = (100%)	40,00			32
Nilai Pengusul = $(40\% \times 32)/3 = 4,27$				

Catatan Penilaian artikel oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi jurnal:**
Kesesuaian dan kelengkapan telah memenuhi unsur-unsur yang disyaratkan oleh jurnal yang dituju
- Ruang lingkup dan kedalaman pembahasan:**
Ruang lingkup jelas dan pembahasan memiliki kontribusi yang baik bagi pemilihan propeller
- Kecukupan dan kemutakhiran data/informasi dan metodologi:**
Informasi dan metodologi yang diangkat merupakan modifikasi dari metode yang sudah ada, meskipun tidak 100% baru tapi metode cukup mutakhir dan memiliki kontribusi yang baik
- Kelengkapan unsur dan kualitas terbitan:**
Jurnal memiliki nilai SJR cukup baik dan masuk kategori Q3, serta terdapat hasil review paper.

Semarang, 19 Agustus 2019

Reviewer 2

Ojo Kurdi, S.T., M.T., Ph.D
 NIP. 197303171999031001

Unit Kerja : S1 Teknik Mesin FT UNDIP

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a. Kelengkapan unsur isi jurnal (10%)	4,00			4
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,00			10
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12,00			11
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12,00			10
Total = (100%)	40,00			35
Nilai Pengusul = $(40\% \times 35)/3 = 4.67$				

Catatan Penilaian artikel oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi jurnal:**
Artikel memiliki konten yang sudah sesuai dengan template yang disyaratkan oleh jurnal yang dituju.
- Ruang lingkup dan kedalaman pembahasan:**
Tata tulis memiliki kualitas biasa/normal, pembahasan jelas, tulisan berupa modifikasi terhadap metode yang sudah ada pada optimisasi propeller
- Kecukupan dan kemutakhiran data/informasi dan metodologi:**
Kemutakhiran kajian yang diangkat dan disajikan cukup baik
- Kelengkapan unsur dan kualitas terbitan:**
Jurnal terindeks scopus dengan nilai SJR 0.21, Q3, cukup baik

Semarang, 19 Agustus 2019
 Reviewer 1

Dr.Eng. Hartono Yudo, S.T., M.T.
 NIP. 197510211999031004
 Unit Kerja : S1 Teknik Perkapalan FT UNDIP

International Journal of Mechanical Engineering and Technology
Volume 9, Issue 13, December 2018, Pages 1519-1526

Optimization procedure to determine the optimum propeller of traditional purse seine boat (Article)

Windyandari, A.^a, Haryadi, G.D.^b, Suharto^a, Zakki, A.F.^c

^aIndustrial Technology Department, Vocational School, Diponegoro University, Semarang, 50275, Indonesia
^bMechanical Engineering Department, Engineering Faculty, Diponegoro University, Semarang, 50275, Indonesia
^cNaval Architecture Department, Engineering Faculty, Diponegoro University, Semarang, 50275, Indonesia

Abstract

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Design of B-series propeller was made to improve the performance of traditional purse seine boat in Central Java Indonesia, [1]. The optimum B-series design should be determined from any kind design configurations of the B-series propeller. The aim of this article was to introduce the optimization procedure for determining the optimum design parameters of B-series propeller that would be applied for the improvement of thrust performance of traditional purse seine boat in Central Java Indonesia. The single objective function is adopted with the constraint parameters includes material strength, propeller cavitation and the propeller thrust requirement. Propeller Speed, Diameter and Pitch Ratio are selected as Independent Variables. © IAEME.

SciVal Topic Prominence ⓘ

Topic: Propellers | Cavitation | Marine propellers

Prominence percentile: 89.536 ⓘ

Author keywords

Flexible model and propeller efficiency GFRP propeller

ISSN: 09766340 Document Type: Article
Source Type: Journal Publisher: IAEME Publication
Original language: English

References (12)

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- ☐ 1
- Windyandari, A., Dwi Haryadi, G., Suharto, S.
Design and performance analysis of B-series propeller for traditional purse seine boat in the North coastal region of central Java Indonesia (Open Access)

(2018) *Journal of Applied Engineering Science*, 16 (4), pp. 494-502.
<http://www.engineeringscience.rs/images/pdf/558-18506.pdf>
doi: 10.5937/jaes16-18506

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- A reduced order approach for optimal design of efficient marine propellers
Gaggero, S. , Vernengo, G. , Villa, D. (2019) *Ships and Offshore Structures*

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Efficient and multi-objective cavitating propeller optimization: An application to a high-speed craft

(2017) *Applied Ocean Research*, 64, pp. 31-57. Cited 13 times.
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doi: 10.1016/j.apor.2017.01.018

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Design of ducted propeller nozzles through a RANSE-based optimization approach

(2017) *Ocean Engineering*, 145, pp. 444-463. Cited 14 times.
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doi: 10.1016/j.oceaneng.2017.09.037

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Design of contracted and tip loaded propellers by using boundary element methods and optimization algorithms

(2016) *Applied Ocean Research*, 55, pp. 102-129. Cited 31 times.
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doi: 10.1016/j.apor.2015.12.004

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- 6 Nouri, N.M., Mohammadi, S., Zarezadeh, M.
Optimization of a marine contra-rotating propellers set

(2018) *Ocean Engineering*, 167, pp. 397-404. Cited 2 times.
<http://www.journals.elsevier.com/ocean-engineering/>
doi: 10.1016/j.oceaneng.2018.05.067

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- 7 Mizzi, K., Demirel, Y.K., Banks, C., Turan, O., Kaklis, P., Atlar, M.
Design optimisation of Propeller Boss Cap Fins for enhanced propeller performance
(Open Access)

(2017) *Applied Ocean Research*, 62, pp. 210-222. Cited 25 times.
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- 8 Liu, P., Bose, N., Chen, K., Xu, Y.
Development and optimization of dual-mode propellers for renewable energy

(2018) *Renewable Energy*, 119, pp. 566-576. Cited 2 times.
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Optimum design of B-series marine propellers ([Open Access](#))
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- 12 Saunders H, E.
Hydrodynamics in ship design
(1957) *Society of Naval Architects and Marine Engineers*, 2, p. 620. Cited 17 times.

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ISSN: 0976-6340 E-ISSN: 0976-6359

Subject area: Engineering: Industrial and Manufacturing Engineering Engineering: Mechanical Engineering
Engineering: Mechanics of Materials

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SJR 2018 0.209 ⓘ

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International Journal of Mechanical Engineering and Technology

Country	India - SJR Ranking of India
Subject Area and Category	Engineering Industrial and Manufacturing Engineering Mechanical Engineering Mechanics of Materials
Publisher	IAEME Publication
Publication type	Journals
ISSN	09766340, 09766359
Coverage	2016-ongoing
Scope	International Journal of Mechanical Engineering and Applications (IJMEA) , a peer-reviewed open access journal published bimonthly in English-language, provides an international forum for the publication and dissemination of theoretical and practice oriented papers, dealing with problems of modern technology (power and process engineering, structural and machine design, production engineering mechanism and materials, etc.). The Journal covers the whole spectrum of mechanical engineering, which includes, but is not limited to, Materials and Design Engineering, Production Engineering and Fusion Technology, Dynamics, Vibration and Control, Thermal Engineering and Fluids Engineering, Environmental protection, etc.
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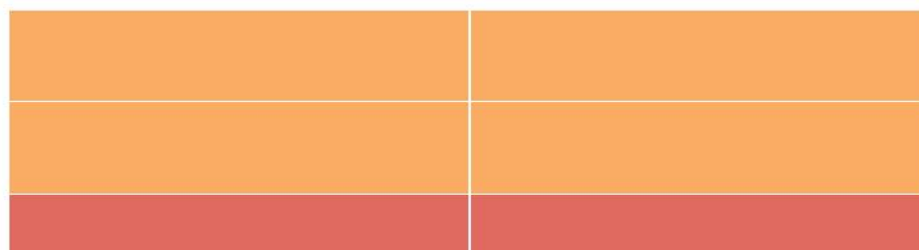
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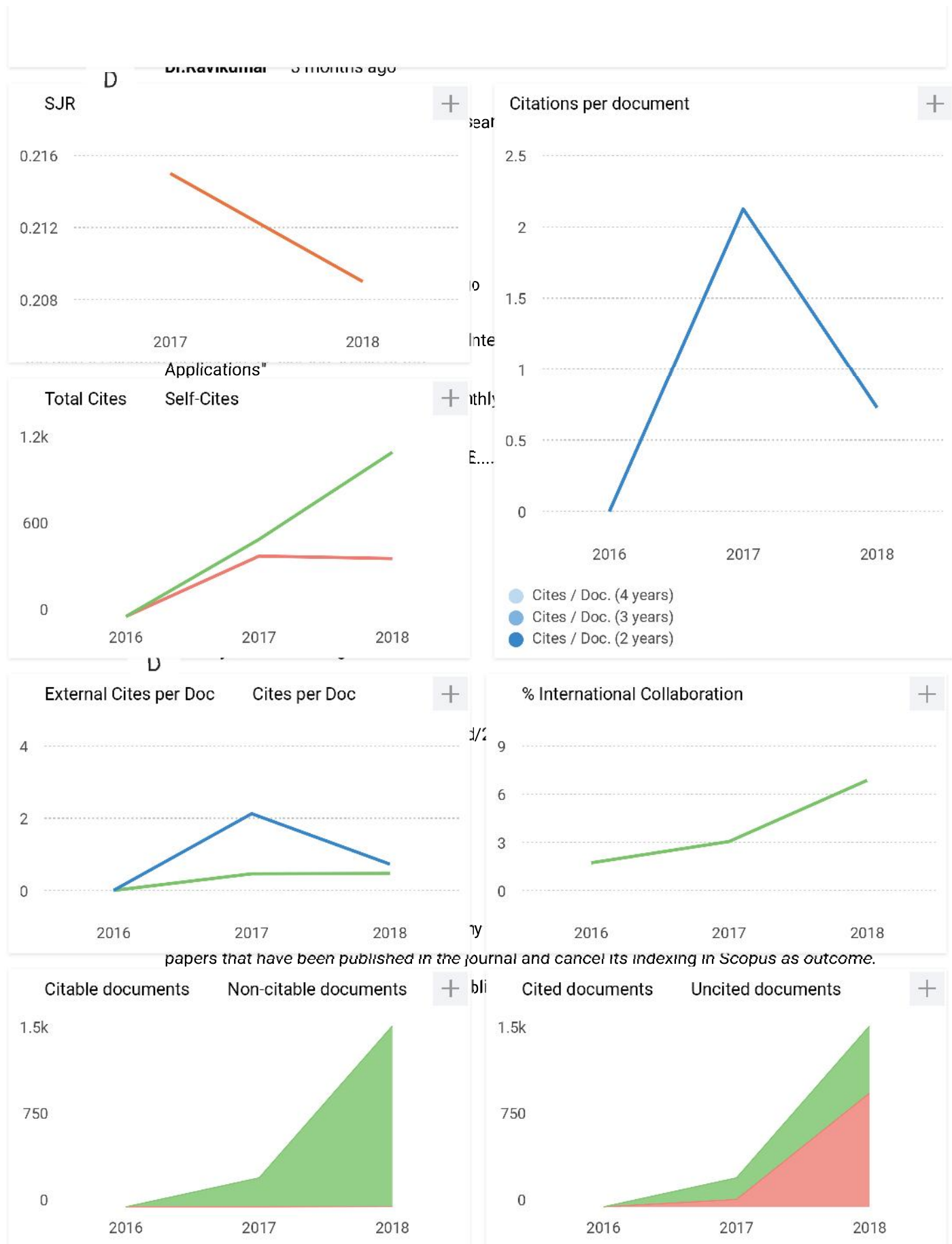


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V **vahid** 12 months ago

The contact of this journal is wrong!
Publisher and ISSN are not match!

reply



Elena Corera 12 months ago

Thank you for your participation!

B **Balasubramaniam** 12 months ago

All the articles are related to Management , I don't know how they are been published in mechanical engineering journal.

1. IMPLEMENTATION OF IDEMPIERE ERP ON HUMAN RESOURCES MANAGEMENT MODULE (A CASE STUDY APPROACH)

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reply

M **Maher** 7 months ago

Industrial engineering is also related to engineering management,
All of these papers are related to engineering management

R **Rakesh** 12 months ago

The journal is having title "international journal of mechanical Engineering and Technology" and they are publishing the Management and social science article. SCOPUS should take a immediate action and ban the journal publisher with immediate effect and removed all the previous articles as they are not having quality to be get index in SCOPUS.

M **mk** 12 months ago

Hello

It doesn't neccessarily mean that since the journal is a mechanical journal, they shouldnt publish other field of paper, it can be multidisciplinary journal

D **Dr Steven** 1 year ago

Hi

Is that actual Journal website?

<https://www.iaeme.com/ijmet/issues.asp?JType=IJMET>

reply



Elena Corera 1 year ago

Dear Dr Steven,

you can find this information in SJR website.

Best regards,
SCImago Team

D

Dr.Farah 1 year ago

Dear Sir

could you pls send me a link of your journal as I confuse with the others

Best Wishes

Dr .Farah Qais

reply



Elena Corera 1 year ago

Dear Dr.Farah,
Contacts are already updated at the top of this page.
Best Regards,
SCT

M

Mustofa 1 year ago

Category Year Quartile
Industrial and Manufacturing Engineering 2017 Q3
Mechanical Engineering 2017 Q3
Mechanics of Materials 2017 Q4

What does it mean? If I submit a paper in the topic of combining photovoltaic and thermoelectric generator, it will be included in Mechanical engineering or mechanics materilas?

reply



Elena Corera 1 year ago

Dear Mustofa, in all the thematic categories in which the journal is included. Best Regards,
SCImago Team

P

Pankaj Raut 1 year ago

The journal is publishing non reviewed articles. Mostly all articles published by them is not related to the subject area of the journal.

1. YOUTUBE VIDEOS AS AN EFFECTIVE MEDIUM IN BRANDING - A STUDY AMONG URBAN WOMEN IN MYSURU CITY

http://www.iaeme.com/MasterAdmin/UploadFolder/IJMET_09_07_044/IJMET_09_07_044.pdf

2. SHARING BEHAVIOUR AS SIGNIFICANT PREDICTOR TO MOTIVATION FOR TRANSFER OF LEARNING

<http://www.iaeme.com/IJMET/issues.asp?JType=IJMET>

reply

R

Ravi Kumar 1 year ago

the journal published so far over 900 articles in journal. Most of the articles not related to the subject related to the journal. For example

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<http://www.iaeme.com/IJMET/issues.asp?JType=IJMET>

reply

A

Avi 1 year ago

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reply



Elena Corera 1 year ago

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